

CURRENT LISTING OF CLAIMS

Please amend claims 41-66 as follows.

Listing of Claims:

Claims 1-40 (Cancelled)

41. (Currently Amended) An integrated information service platform system, comprising:

an access unit (ACU), a management unit (MAU) and an application unit (APU) interconnected based on a network protocol, wherein

said access unit comprises ~~at least~~ an ACU processing module ~~connecting~~ connected via a transmission network with user terminals and processing systems of service providers, and a first network switching module (NSM) for implementing ~~the~~ communication switching within ~~this~~ said access unit and communications with ~~the other two units~~ said management unit and said application unit;

said management unit comprises ~~at least~~ an MAU processing module implementing ~~[[a]]~~ unified management and control on operations of every part of the platform system, and a second network switching module for implementing ~~the~~ communication switching within ~~this~~ said management unit and communications with ~~the other two units~~ said access unit and said application unit; and

said application unit comprises ~~at least~~ an APU processing module providing ~~specific~~ application processing application-specific processing functions, and a third network switching module for implementing ~~the~~ communication switching within ~~this~~ said application unit and communications with ~~the other two units~~ said access unit and said management unit.

42. (Currently Amended) The system according to claim 41, wherein said ACU processing module comprises a ~~part of~~ communications network access processing portion and a ~~part of~~ gateway transformation processing portion, the ~~part of~~ communications network access processing portion providing an interface to the transmission network and implementing access to the transmission network while the ~~part of~~ gateway transformation processing ~~converting~~ portion converts non-digital information inputted from the ~~part of~~ communications network access processing portion into digital information.

43. (Currently Amended) The system according to claim 42, wherein said ~~part of~~ communications network access processing is portion comprises a terminal access module (TAM) used for accessing ~~such terminals as telephones, facsimile, and computers~~ via a telecommunication and telephone network.

44. (Currently Amended) The system according to claim 42, wherein said ~~part of~~ communications network access processing is portion comprises a leased line access module (LAM) of a data network ~~used~~ for accessing computer networks based on ICP/TP protocol or ATM protocol.

45. (Currently Amended) The system according to claim 42, wherein said ~~part of~~ communications network access processing is portion comprises a network access module (NAM) for accessing broadcasting networks using HFC.

46. (Currently Amended) The system according to claim 42, wherein said gateway transformation ~~part is~~ portion comprises a voice/data transformation module (VDM).

47. (Currently Amended) The system according to claim 42, wherein said gateway transformation ~~part is~~ portion comprises a facsimile/data transformation module (FDM).

48. (Currently Amended) The system according to claim 41, wherein said MAU processing module comprises a system resource management module, a business resource management module, and a management control console (MCC), the system resource management module comprising a network management module (NMM) for implementation of network device management and a system management module (SMM), the business resource management module comprising a user management module (UMM) and ~~an~~ a billing management module (BMM), and the management control console controlling and managing all management modules and implementing a unified management interface by means of a browser.

49. (Currently Amended) The system according to claim 41, wherein said APU processing module comprises ~~a part for~~ an outsourced application portion, ~~a part for~~ an integrated application portion, and ~~a part for~~ navigation application portion, the ~~part for~~ outsourced application portion comprising a basic application module and a module for applications (HAM) outsourced by business service providers, the ~~part for~~ integrated application ~~consisting of~~ portion comprising application integrating modules (AIM) which integrate business services provided by business service providers, and the ~~part for~~ navigation application portion comprising a navigation and personalization module (NPM) providing an interface for navigation service and individual service.

50. (Currently Amended) The system according to claim 41, wherein said access unit, said management unit and said application unit are interconnected based on TCP/IP protocol.

51. (Currently Amended) The system according to claim 50, wherein said access unit, said management unit and said application unit are interconnected further based on ATM protocol or IPX protocol.

52. (Currently Amended) The system according to claim ~~50~~ 42, wherein said ~~part for processing gateway conversion~~ transformation processing portion converts non-digital information inputted via the ~~part for processing~~ communications network access processing portion to ~~communications network to~~ IP data information.

53. (Currently Amended) The system according to claim 41, ~~wherein there are more than one said~~ further comprising a further access unit, a further management unit, or a further application unit, which ~~are~~ is connected with the first-named access unit, the first-named management unit or the first-named application unit, respectively, in levels via a respective network switching ~~modules~~ module to form an access group, a management group, or an application group, respectively, the access, management and application groups being further interconnected via the network switching module of any one ~~unit of the first-named or further access units, the first-named or further management units, or the first-named or further applications units~~ within each of the access group, the management group, and the application group, respectively.

54. (Currently Amended) The system according to claim 41, wherein said ~~management processing~~ MAU processing module further comprises ~~at least one~~ a database module for storing user information as well as procedures and results of service processing, said user information comprising ~~at least~~ user identification information, user authorization information and user accounting information.

55. (Currently Amended) The system according to claim 41, further comprising ~~further~~ a plurality of metropolitan-area integrated information service platform systems, which are interconnected based on metropolitan-area telecommunications networks.

56. (Currently Amended) The system according to claim 41, wherein said access unit, said management unit, and said application unit are interconnected via an internal high-speed bus.

57. (Currently Amended) The system according to claim 41, wherein said processing systems of service providers are connected to the ACU processing module via a computer network, the computer network ~~being comprising a private network, including~~ virtual private network.

58. (Currently Amended) A method of providing integrated information service, comprising:

converting a service request inputted via a transmission network from a user terminal to data based on IP protocol, the user terminal having a user identification code;

authenticating and authorizing ~~the a user requesting~~ associated with the service request according to the user identification code[[,]];

after successful authentication and authorization, selecting an appropriate application processing module for ~~said the~~ service request;

converting processing results based on IP protocol into ~~the a~~ data format identifiable to the user terminal ~~and~~;

returning the data processing results to the user terminal via the transmission network.

59. (Currently Amended) The method according to claim 58, wherein said application processing module is a basic application module, comprising ~~such applications as WWW, EMAIL, FTP, NEWS, CHAT, FACSIMILE, VOICE HOT LINE and USER CALL CENTER~~ an application selected from the group consisting of www, email, ftp, news, chat, facsimile, voice hot line and user call center.

60. (Currently Amended) The method according to claim 58, wherein said appropriate application processing module is comprises a module for an outsourced ~~applications~~ application from a business service ~~providers~~ provider, ~~comprising the~~ outsourced application being directed to WWW main server outsourcing, enterprise customer service center outsourcing, ~~and or~~ security exchange service outsourcing.

61. (Currently Amended) The method according to claim 58, wherein said appropriate application processing module is comprises a module for an integrated applications application provided by a business service provider, comprising the integrated application being directed to accounting and balancing.

62. (Currently Amended) The method according to claim 58, wherein said appropriate application processing module is comprises a navigation and personalization application module, comprising the navigation and personalization application module being directed to voice navigation and WWW navigation.

63. (Currently Amended) The method according to claim 58, further comprising the step of:

storing user data as well as procedures and results of service processing in a database, wherein said user data comprising at least user identification information, user authorization information, and user accounting information.

64. (Currently Amended) The method according to claim 63, wherein said authenticating and authorizing of the user ~~requesting a service~~ is conducted according to the user identification information and the user authorization information pre-stored in the database, the method further comprising the ~~steps~~ step of:

~~storing the procedure and result of the service processing in the database, and~~
charging the user for the service ~~received~~ processing according to ~~the~~ a charging rate.

65. (Currently Amended) The method according to claim 64, wherein said database ~~is the~~ comprises a database of the a local platform system, the method further comprising the following steps:

if the user identification information and the user authorization information of the user ~~requesting a service~~ is not found in the database of the local platform system, sending to ~~the a~~ a subscribing platform system of the user ~~requesting a service~~ a command for searching and authenticating ~~the user's~~ an identity of the user, and

~~the subscribing platform system~~ returning the authentication result from the subscribing platform system to the local platform system.

66. (Currently Amended) The method according to claim 58, further comprising the following steps after successful authentication and authorization for the user ~~requesting a service~~ according to the user identification code:

sending service request commands to other platform systems, and

~~other platform systems~~ returning processing results from the other platform systems to the local platform system.